

OPTICAL/SUBOPTICAL CALCITE COLLECTED IN BC IN 2019

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summary:

Optical/sub-optical calcite collected by the author's party in British Columbia during the 2019 field season amounted to some 130 pounds (60 kilograms). Some 70% of this total is due to six specimens.

specimen treatment:

The specimens were loose and collected by hand from Crown land. They were not subjected to hammering, chiseling, splitting or cutting for purposes of recovery or modification. Soil and moss were removed from individual specimens as needed and with some success using water and a soft brush. None of the specimens were subjected to a Muriatic/HCl bath to clarify surfaces or to remove abrasions.

specimen comments:

Transmitted light patterns indicate that a number of specimens are masses that contain crystal boundaries (e.g. 2019-BC-5). Specimen 2019-BC-6 appears to have an additional mineral attached. In some cases outer surfaces are partly covered by a thin, opaque, calcareous layer (e.g. 2019-BC-15a). In some specimens a pinkish or orangey coating is evident (e.g. 2019-BC-0c).

inventory:

Except for some small ones, the specimens were listed by weight from heaviest (27lb/12.3kg) to lightest (<1lb/<0.5kg).

2019-BC-27

wt: 27lb/12.3kg



2019-BC-15a

wt: 15lb/6.8kg



2019-BC-15b

wt: 15lb/6.8kg



2019-BC-14.5

wt: 14.5lb/6.6kg



2019-BC-11.5

wt: 11.5lb/5.2kg



2019-BC-10.5

wt: 10.5lb/4.8kg



2019-BC-6

wt: 6lb/2.7kg



2019-BC-5.5a

wt: 5.5lb/2.5kg



2019-BC-5.5b

wt: 5.5lb/2.5kg



2019-BC-5

wt: 5lb/2.3kg



2019-BC-4.5

wt: 4.5lb/2kg



2019-BC-3.5

wt: 3.5lb/1.6kg



2019-BC-2

wt: 2lb/0.9kg



2019-BC-1.5

wt: 1.5lb/0.7kg



2019-BC-1

wt: 1lb/0.5kg



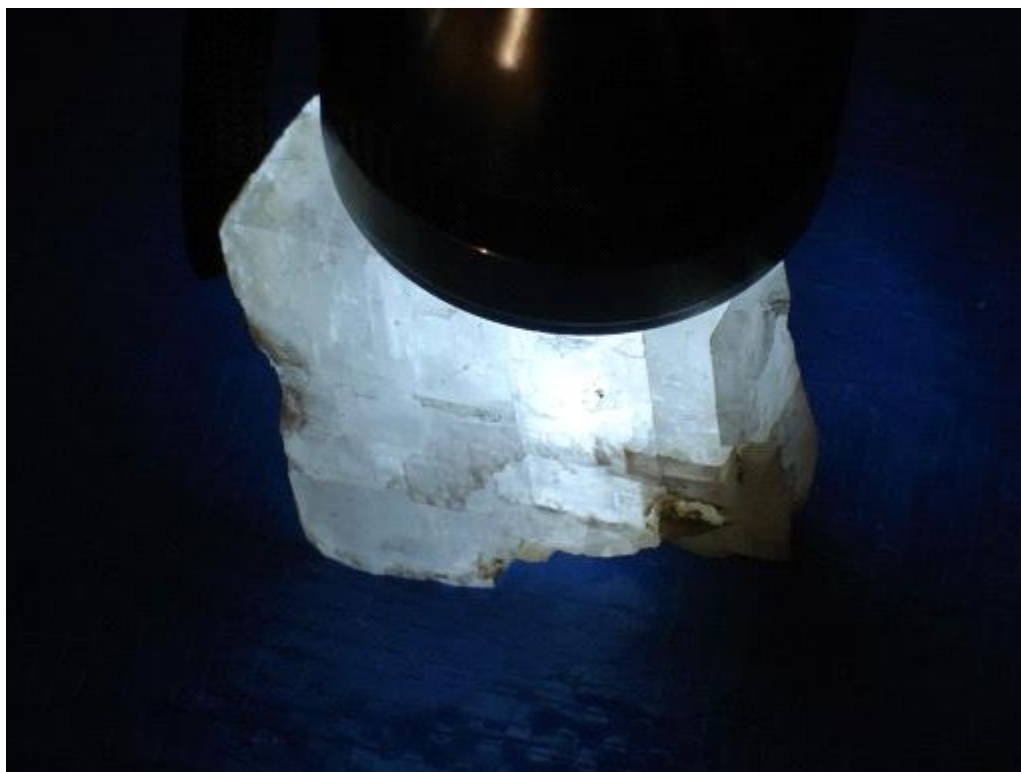
2019-BC-0a

wt: <1lb/<0.5kg



2019-BC-0b

wt: <1lb/<0.5kg



2019-BC-0c

wt: <1lb/<0.5kg



2019-BC-0d

wt: <1lb/<0.5kg



2019-BC-0e

wt: <1lb/<0.5kg



2019-BC-0f

wt: <1lb/<0.5kg



2019-BC-0g

wt: <1lb/<0.5kg



2019-BC-0h

wt: <1lb/<0.5kg

